

ECO AUTOMATIC BATTERY LABELLING MACHINE

Technology
[made in Germany]

Automatic final labelling test of automotive car and truck batteries with automated process and semiautomated handling, incl. CMWTEC technology



The Advantage:

- Automatic labelling process
- Adjustment by toggle bolt
- Bypass labelling with continuous process
- Three individual positions selectable
- Each unit can be activate/deactivate
- Adjustment of the label length possible

Basic machine

The basic machine consists of a stainless-steel frame carrying the individual assemblies. The size of the machine is depending the numbers of labelling units. The height and the width of the batteries are adjusted by toggle bolt movement.

Labelling unit

Different types of labelling processes are selectable

Lateral guide unit

The lateral guide including the exit monitoring device is designed for laterally adjusting the battery below the labeling unit. A clamping mechanism ensures the adjustment to be executed exactly and fast.

Battery conveyor unit

A flat top chain in a PP body transports the batteries through the machine and, at the same time, ensures them to be adjusted smoothly and exactly at the labelling position.

Description of function

The machine is designed to label batteries on top or on side of batteries with labels from a carrier material wound up on a roll. Depending on type of dispenser unit the labels can be printed by an integrated printing system.

Labelling unit

Standard unit Type D	Bypass labelling, which means the labels are peeled off on passing the battery. On a Wipe-On system the labels are dispensed from the backing strip and applied precisely to the battery and packs by means of a high-quality stepping motor.
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Technical specifications

Battery type	:	automotive car and truck batteries
Capacity	:	up to 8 batteries/min
Weight of batteries	:	20 – 70 kg
Dimension of machine	:	L = 2000 mm W = 300 (1050) mm H = 1700 mm
Construction	:	Stainless steel 304, with aluminum profiles
Electric	:	230/400V, 3-Phase, 50/60 Hz, 4 Wire
Control voltage	:	24 DC
Power consumption	:	3,0 kW